

Materials List for:

A Mouse Model of Fatigue Induced by Peripheral Irradiation

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Materials

| Name | Company | Catalog Number | Comments |
|--|------------------------------|----------------|---|
| C57BL/6 Mice | Charles River | | Strain code 027 (http://www.criver.com/products-services/basic-research/find-a-model/c57bl-6n-mouse) |
| Ketamine HCl | Putney | | 100 mg/mL stock solution |
| Xylazine HCl | Lloyd Laboratories | | 100 mg/mL stock solution |
| Rodent Tattoo System | AIMS | ATS-3 | http://animalid.com/lab-animal-identification-systems/ats-3-general-rodent-tattoo-system |
| Lead Shielding Apparatus | (custom made) | | One-inch thick lead shielding arranged as two boxes with a one-inch thick gap between them for targeted irradiation |
| Plexiglass shielding container | (custom made) | | Plexiglass container filled with styrofoam. Styrofoam cutouts hold the lead shielding in place. |
| GammaCell 40 Extractor | Best Theratronics | | http://www.theratronics.ca/product_gamma40.html |
| RAD Disk Ultra | Best Theratronics | | http://www.theratronics.ca/product_rad.html |
| Mouse Single Activity Wheel Chamber | Lafayette Instrument Company | #80820 | http://www.lafayetteneuroscience.com/product_detail.asp?itemid=980 |
| Activity Wheel Counter for Computer Monitoring | Lafayette Instrument Company | #86061 | http://www.lafayetteneuroscience.com/product_detail.asp?itemid=1052 |
| Modular Cable for Wheel Counters | Lafayette Instrument Company | #86051-7 | http://www.lafayetteneuroscience.com/product_detail.asp?itemid=1046 |
| USB Computer Interface for Activity Wheel Counters | Lafayette Instrument Company | #86056A | http://www.lafayetteneuroscience.com/product_detail.asp?itemid=1047 |
| Activity Wheel Monitor Software | Lafayette Instrument Company | #86065 | http://www.lafayetteneuroscience.com/product_detail.asp?itemid=1053 |